

Synthesis and Conversions of Vinyl- $\alpha$ -Keto Alcohols,  
by I. N. Neimanov, S. G. Matscyan, S. A. Vartaryan,  
5 pp.

RUSSIAN, per Zhur Obshch Khim, Vol XXIX, No 3, 1959,  
pp 778-782

Consultants Bureau

Sci

Apr 60

115 2302

The Mechanism of Acetylene Polymerization, by S. A.  
Vartanyan et al.

RUSSIAN, per, Dok Ak Nauk Armyan SSR, Vol XVII, No 2,  
1958, pp 81-85.

AT&T RJ-1674

Sci - Chem

AT&T 93L30 R

Jul 59

90, 850

Journal of Physics, 169. Properties of Viscous  
Ravichard, Dependence in Solutions of Gels  
and Polymers, by L. V. Markov, S. A. Vartaryan,  
S. G. Matodyan, 6 pp.

NEBEL, no pag, Zbir Czech Chem, Vol XIV,  
no 8, 1959, pp 1111-1116.

Consultants Bureau

41,334

Scientific - Chemistry

THE JOURNAL OF POLYMER SCIENCE: PART A-1  
Editorial Committee, by E. V. KATSETOV, G. R.  
KLEINER, L. S. TIKHONOV, & P.  
VAKHARSKAYA. V. N. SHUMAYEVICH, 6 pp.

RUMYANTSEV, V. P., Zhur. Obshch. Khim., Vol. XXV,  
No. 6, 1955, pp. 1117-1123.

Consultants Bureau

41, 336

### Scientific - Chemistry

Derivatives of Acetylene. 161. Synthesis and Trans-  
formations of Methyl- $\beta$ -Ethoxyethyl-vinylethynylcarbino  
by I. N. Bazarov, S. A. Vartanyan, V. N. Zharangortsoyan,  
6 pp.

Full tr

RUSSTAN, no per, Zhur Obshch Khim, Vol XXIV, No 11,  
1954, pp 1953-1958. CIA 942761-C, reel 3.

Consultants Bureau

37,728

Sci - Chemistry

Aug 56 ER CTS

Urgent Problems of Planning and Management by  
S. A. Vartan'yan, 7 pp.

RUSSIAN, per, Vestnik Svyazi, No 7 (280), 1963,  
pp 26-27.

JPRS 21358

Sci -

Oct 63

241-194

Chemistry of vinlethynylcarbinols  
By S. A. Vartanyan, et al 14 pp.

RUSSIAN, per Uspek Khim, No. 10, 1962  
pp. 1167-1164

CS

Sci

Jun 63

342, 391      BY

(NY-5333)

Advanced Training of Technical Economists, by S. A.  
Vartan'yan, 3 pp.

RUSSIAN, per, Vestnik Svyazi, No 11, 1954.

JPRS 7115

Sci

Feb 61

1409 709

The Chemistry of Vinylacetylene. XI. The  
Mechanism and Direction of the Hydration of  
Ethers of Vinylethynyl-Carbinols, by  
S. G. Matsoyan, G. A. Chukhadzhyan, S. A.  
Vartanyan, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 2,  
1959, pp 451-456.

Consultants Bureau

Sci

112,332.

Apr 60

Acetylene Derivatives. 164. The Action of Primary  
and Secondary Amines on Tetrahydro-4-Pyrones,  
by I. N. Nazarov, S. G. Matsoyan, S. A. Vartanyan,  
4 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXXIII, № 12,  
1953, pp 1990-1993. CIA D 151308

Consultants Bureau

Scientific - Chemistry  
May 55 CTS

23,346

Acetylene Derivatives. 163. The Hydration of  
Vinylacetylene in Alcoholic Solutions, by I. N.  
Nazarov, S. A. Vartanyan, S. G. Matsoyan, V. N.  
Zhamagortsyan, 4 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXXIII,  
No 12, 1953, pp 1986-1989. CIA D 151308

Consultants Bureau

Scientific - Chemistry  
May 55 CTS

23, 353

Acetylene Derivatives. Communication 149.  
Synthesis of  $\beta$ -Amino Ketones by the Action of  
Secondary Amines on  $\beta$ -Methoxy Ketones and  $\beta$ -  
Unsaturated Ketones, by I. N. Nazarov, S. A.  
Vartanyan, 6 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim  
Nauk, No 2, Mar/Apr 1953, pp 314-320.

Consultants Bureau

Scientific - Chemistry CIE/DEX

17,988

The Hydration of a Triple Bond by Means of Mercury Ions  
Deposited on Cation Exchanges and the Mechanism of the  
Reaction, by S. A. Vartanyan, S. K. Pirenyan, N. G.  
Manasyan, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 4, 1961,  
pp. 1269 - 1271

CB

196,706

Sci  
Apr 62

MAZAROV, I. N.  
VARSHAYAN, S. A.

Derivatives of Acetylene. 117. The Synthesis and Transformation of Vinylathinyl-carbinols Containing the Methoxy Group.

The Journal of General Chemistry of the USSR, Vol IX,  
No 9, Sep 1950, pp 1643 - 1655 (Russ p 1532).

Consultants Bureau  
New York

USSR

A8365

(NY-7203)

Record Keeping and Accounting at Communications  
Enterprises Have To Be Improved, by S. A. Vartan'yan,  
10 pp.

RUSSIAN, per, Vestnik Svyazi, No 6 (267), 1962.

JPRS 15561

Sci

Oct 62

213, P//

NAZAROV, I. N.  
VARTANYAN, S. A.

Derivatives of Acetylene. 116. The Condensation of  
Vinylacetylene With Dimethoxyketones. The Synthesis  
and Transformation of Vinylethinyl Carbinals  
Containing Two Methoxyl Groups.

The Journal of General Chemistry of the USSR, Vol IX,  
No 10, Oct 1950, pp 1895 - 1902 (Russ p 1829).

Consultants Bureau  
New York

USSR

A8366

NAZAROV, I. N.  
VARTANYAN, S. A.

DERIVATIVES OF ACETYLENE 125. SYNTHESES BASED ON  
DIVINYLACETYLENE. TRANSFORMATIONS OF 2-METHYL-4-VIN-  
YLETHYNYL-4-PYRANDOL

9 pages

RUSSIAN, Zhur Obshch Khim. Vol XXI, No 2 Feb, 1951

Consultants Bureau Translation

A 8368

Kinetic Characterization of Hydroperoxides as  
Intermediate Reaction Products of the Oxidation  
of n-decane, by L. S. Vartanyan, Z. K. Maisus,  
N. N. Emanuel, 5 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXX, No 4,  
1956, pp 856-861.

Assoc Tech Serv 75J16R

Jul 58

70, 003

Acetylene Derivatives. 145. Heterocyclic Compounds.  
XXI. Synthesis and Transformations of 1,2,6,6-Tetramethyl-7-oxa-4-ketodecahydroquinoline, by I. N. Nazarov and S. A. Vortanyan, 5 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII,  
No 8, Aug 1952, pp 1410-1416.

Consultants Bureau

Sci - Chemistry

Feb 54 CFS

9856

Change in the Content of Adrenalin and Adrenalin-like Compounds in the Tissues of Castrated Rabbits Under Different Functional Conditions of the Central Nervous System, by N. L. Butom, B. A. Vartapetov, 6 pp.

RUSSIAN, per, Biokhim, Vol XXII, No 5, 1957, pp 807-812.

Consultants Bureau

Sci - Med

Jul 58

66,822

<p>Vartapetov, B. A. and Shifman, L. M. EXPERIENCE WITH THE USE OF TESTOBROMLECIT IN CLINICAL PRACTICE (Opyt Primeneniya Testobromletsita v Klinicheskoi Praktike) tr. by Wanda M. Feeley. Mar 62, 5p. (refs. omitted). PSC no. 60-2772. Order from OTS or SLA \$1.10      63-19707  Trans. of Problemy Endokrinologii i Gormonoterapii (USSR) 1960, v. 6 [no. 6] p. 112-115.  DESCRIPTORS: Drugs, *Testosterone, *Bromides, Therapy, *Hormones, Sex glands, Secretion.</p> <p>(Biological Sciences--Pharmacology, TT, v. 10, no. 9)</p>	<p>63-19707</p> <p>I. Title: Testobromlecit I. Vartapetov, B. A. II. Shifman, L. M. III. PSC-60-2772 IV. National Institutes of Health, Bethesda, Md.</p> <p>149658</p> <p>Office of Technical Services</p>
--	---

Vasomotor Responses to Exteroceptive and Interoceptive Stimulation, by B. A. Vartapetov, A. I. Glatkova, 25 pp.

RUSSIAN, par Fiz Zhur SSSR, izdat I. N. Sechanova,  
Vol XLIII, No 8, 1957, pp 777-784.

Pergamon Institute

Sci - Phys

Jul 58

66,592

Water Exchange Between Plant Tissues and Liquid Water and  
Vapor in the Environment, by E. B. Vartapetyan,  
A. L. Kursantov, 5 pp.

RUSSIA, per, Fiziol Rasteniy, Vol VIII, No 5, 1961,  
pp 569-575.

AIES

Sci  
Jan 62  
4

246, 775

A Study of Water Metabolism of Plants Using  
Water Containing Heavy Oxygen,  $H_2O^{18}$ , by  
B. S. Vartapetyan and A. L. Kursanov, 3 pp.

RUSSIAN, por, Fiz Rasteniy, Vol VI, No 2,  
1959, pp 144-150.

Amer Inst of Biol Sci

Sci

Dec 59

103,844

Participation of the Oxygen of Water and Atmospheric  
Oxygen in Plant Respiration, by B. B. Vartapetyan,  
A. L. Kursanov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIV, 1955,  
pp 272-275.

SLA Tr R-1336

Sci

Jun 58

65,857

Participation of H<sub>2</sub>O<sup>18</sup> in the Metabolism of Photo-synthetic Tissues, by B. B. Vartepetyan, 4 pp.

RUSSIAN, per, Fiz Basteniy, Vol VII, No 4, 1960,  
pp 414-418.

AIRS

Sci -  
Apr 61

146,420

Application of  $O_2^{18}$  and  $H_2O^{18}$  to the Study of  
Oxidative Condensation of Catechols, by B. B.  
Vertapetyan, A. L. Kursanov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXIX,  
No 2, 1959, pp 447,-450.

Amer Inst of Biol Sci

Sci

Jun 60

118,978

Collective Effects in the Cs<sup>131</sup> Nucleus, by  
G. A. Vartapetyan, A. G. Khudaverdyan, et al,  
5 pp.

RUSSIAN, per, ~~ZH~~ Zhur Eksper i Teoret Fiz,  
Vol XLV, No 6, 1963, pp 1720-1726.  
Amer Inst Phys  
Sov Phys-JETP  
Vol XVIII, No 5

Sci

Aug 64

2x63,822

V  
Derivatives of Acetylene. 146. Heterocyclic Compounds. XXII. Reaction of Primary Amines With 1,5-Dimethoxyhexane-3-one and With 7-Methoxy-5-isobutyl-1,5-heptadiene-4-one, by I. N. Mazarov, S. A. Vartanyan, 8 pp. UNCLASSIFIED

RUSSIAN, no per, Zhur Obshch Khim, No 9, 1952,  
pp 1668-1676.

Consultants Bureau  
Scientific - Chemistry

16,980  
CTS/DEX

Acetylene Derivatives. 147. Synthesis of  $\alpha$ -Amino Ketones by the Action of Secondary Amines on  $\beta$ -Methoxy Ketones, by I. N. Nazarov, S. A. Vartanyan. 10 pp.

RUSSIAN, ~~ISSN~~ no per, Zhur Obshch Khim, Vol XXXI, No 10, 1952, pp 1794-1803

Consultants Bureau

Scientific - Chemistry

14,482

Derivatives of Acetylene. 162. Synthesis and Transformations of Methylbutoxyethylvinylethylnylcarbinol, by S. A. Vartanyan, V. N. Zhamagortsyan, I. N. Nasarov, 6 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV, No 1, Jan 1955, pp 109-113. CIA D 151342

Consultants Bureau

Scientific - Chemistry

24,541

Jun 55

The Irreversible Reciprocal System of Sodium and Potassium Chromates and Metaborates, by A. G. Bergman, O. R. Vartbaronov, 9 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol II, No 11, 1957,  
pp 2641-2648.

AEC-tr-4061  
PL-480

Sci

155,388

Jun 61

PST 88

- 1 Fusibility Diagram for the Ternary System of the Chromate, Metaborate and Tetraborate of Potassium, 9 pp.
- 2 Fusibility Diagram for the System of the Chromates and Tetraborates of Sodium and Potassium, by A. G. Bergman, O. R. Vartchakov, 9 pp.

RUSSIAN, per, Zhur Neorg Khim, Vol II, No 3, 1957,  
pp 642-647; 648-654.

AEC-tr-4053

143, 576

Sci

Apr

PST No 80

(2001-21)

A New Method of Producing Stable Hypertension of a  
Hemogenic Nature in Dogs, V. A. Bukov, L. A. Bychikov,  
V. A. Valuk, R. A. Vartbaronov, E. F. Zhilis,  
V. M. Kondrakov, V. A. Kuz'min, G. I. Sychov,  
N. I. Frolov, A. S. Fokin, A. N. Kharinskii, 8 pp.

RUSSEMI, per, Arkhiv Patologii, Vol XX, No 5, Moscow,  
1958, pp 21-27.

US JPRS L-637-N

Sci ~ Medicine  
Feb 59

81,563.

Evaluation of the Functional Properties and Responses  
From Individual Neurons of the Central Nervous System,  
by G. A. Verhaev, M. M. Vasilevsky, 40 pp.  
RUSSIAN, pub. Press Znach SSRN, front J. M. Sushkov,  
Vol L, No 2, 1964, pp 149-160.  
JPBS 24245

Sci-Bull & Mod  
Apr 64

234,784

Application of Plastic in Machine Building Industry,  
by L. Abramov, V. Vartanov, 3 pp.  
RUSSTAN, np, Presses Vozok, 12 May 1964, p. 2.  
JPRS 23331

USSR  
Econ  
Sep 64

266,190

3

A Study of the Properties of Vaccine Virus in X-  
Irradiated and Non-Irradiated Tissue Culture,  
by L. A. Kamalyan, Zh. Ts. Vartevanyan, et al.  
7 pp.  
RUSSIAN, per, Voprosy Radiobiolog. Sbornik Trudov,  
Vol III, IV, 1963, pp 59-64.  
JPRS 26956

19

Sci-Biol & Med  
Dec 64

270,022

The Effectiveness of Specific Gamma-Globulin's  
Prophylactic Action for Vaccine-Induced Keratitis in  
Irradiated and Non-Irradiated Rabbits. 19  
by L. A. Kamalyan, Zh. Ts. Vartevanyan, 7 pp.  
RUSSIAN, per, Voprosy Radiobiologii, Sbornik Trudov,  
Vol III, IV, 1969, pp 53-57.  
JPRS 26956

Sci-Biol & Med  
Dec 64

270,021

(FDD 26696)

Comparative Experimental Studies on the Effects  
of Various Respiratory Stimulants-Part II,  
by E. V. Venho, O. Vartiainen, M. Vapaavouri,  
13 pp.

GERMAN, qu per, Annales Medicinae Experimentalis  
et Biologiae Fenniae, Vol XXXII, No 2, Helsinki,  
1954, pp 203-213.

CIA/FDD/U-7793

NEur - Finland  
Sci - Medicine, pharmacology 31,337  
Jan 56 CTS/DEX

Review of Ladislav Szanto's Book Co Nam Ticha  
What We Need, by P. Vartlik, 5 pp. GOVERNMENT  
USB ONLY  
SLOVAK, per, Ostatky Marxistickej Filozofie,  
Vol XIX, No 2, 1964, pp 189-192.  
JPRS GUD: 357

2Eur - Czechoslovakia  
Soc  
Sep 64

266,334

SLOVAKIA DURING THE YEARS 1945-1948, BY  
MARTA VARTONOVA, 11 PP.

CZECH, PER NEVA RYSL, NO 2, PRAGUE, FEB 63,  
PP 199-206

JPRS 18959

EEUR-CZECHOSLOVAKIA  
POL.  
MAY 63

830 201

control of vermin in Agricultural Crops, by  
I. S. Varamtseyan, 535 pp.  
MOSCOW, bk. Izdatelstvo nauchno-tekhnicheskikh publ'eskokhozyaistvennykh i nauchnykh izdatel'stv, 1963.  
Sov. IT 66-51113

40

Sci-Agric  
Mar 68

351,930

I. S. Varamtseyan

35  
-tizium of Agricultural Plants, by I. S. Varuntzyan.  
I. S. Varuntzyan. 528 p.  
Moscow, 1951. Upravlenie Natsional'noy iu  
Sel'skohozystvennykh Nauk, 1953.  
\*URSS IT 66-51113

I. S. VARUNTZYAN

665A  
Sci/Mgr  
Feb 66

Abnormalities of Thyroid Function in the  
Etiology of Vegetative-Vascular Disorders,  
by V. P. Varvarin and A. S. Panfilov

RUSSIAN, no per, Voyenno Med Zhur, No 9,  
Moscow, Sep 1959, pp66-68

Sc'

US JPRS .2061-N

102 980

Detection of Early and Latent Forms of  
Thyrotoxicosis by the Method of Radio-  
active Iodine Determination of Thyroid  
Function, by V. P. Varvarin

RUSSIAN, mo per, Voyenno Med Zhur, No 2,  
Moscow, Feb 1959, pp 59-62

sci - med

US JPRS 1634-N

Jun 59

88,424

On Stellar Trails, by N. Varvarov, 5 pp.

RUSSIAN, np, Ekon Gazeta, No 26/99/,  
June 29, 1963, p 5.

CIA/FDD X-519X6

Sci - Earth Sci & Astron  
Aug 63  
FOR OFFICIAL USE ONLY

342,042

Launching From Orbit - This is ...., by  
N. Varvarov, 8 pp.

RUSSIAN, per, Tekh Molodezhi, No 3, 1963, pp 6,  
9669780

FTD-TT-63-489

Sci-Aero

Aug 63

342,078

on Stellar Trails, by N. Varvarov, 5 pp.

RUSSIAN, up, Ekon Gazeta, No 26/99/,  
June 29, 1963, p 5.

CIA/FDD X-519X6

Sci - Earth Sci & Astron  
Aug 63  
FOR OFFICIAL USE ONLY

Varvarov, N.  
SPUTNIKS AND WEATHER (Sputniki i Pogoda).  
25 Feb 60 [4]p. AF 1419493.  
Order from OTS or SLA \$1.10

61-28354

Trans. from Sovetskaya Aviatsiya (USSR) 1960, 9 Feb,  
p. 3.

DESCRIPTORS: \*Satellite vehicles, Earth, Computers,  
\*Weather forecasting, USSR.

Earth's sputniks and computing machines will contribute  
to a better solution of the problem involving accurate  
weather forecast. (Extracted)

61-28354

L Varvarov, N.  
IL AF-1 419 493

(Engineering--Satellite Vehicles, TT, v. 6, no. 12)

Office of Technical Services

Orientation and Stabilization of a Cosmic  
Ship in Flight, by N. Varvarov, 5 pp.

RUSSIAN, np, Ekonomseskaya Gazeta,  
No 4, 1961. 9676150

FID-TT-62-268  
also FTO-TT-62-471

Sci - Space/Res

4 Apr 62

189, 744

VARVAROV, N.

"TWO PATHS IN THE MASTERING OF SPACE"

Moscow, Ekonomicheskaya Gazeta, No 14, 6 Nov 61,  
pp 38-39

To JPRS for complete translation under funded  
project DC/66

Di G/6 Dec 61

S-214/62

"Cosmic 'Necklace' (osherel'ye) of Plants", by  
Nikolay Varvarov, (DC-~~KA~~ 6747)

RUSSIA!, np, Ekon Gazeta, 12 Feb 1962, pp 32-33.

\*JPRS

Sci - Space Res  
9 Apr 62

How a Space Ship is Guided, by N. Varvarov, 2 pp.

RUSSIAN, np, Sovetskaya Rossia, 18 Aug 1962.

The Daily Review  
Vol VIII, No 202 (2147)  
Saturday, August 25, 1962

Sci - Space Res

Sep 62

Habitable Island in the Ether, by  
N. Varvarov, 6 pp.

RUSSIAN, np, Ekonomicheskaya Gazeta, No 170  
(842) Dec 1960, p 4. 9670056

ATIC MCL-828/1

Sci - Space Res

Jul 61

159,196

Bull's Eye, by S. Varvarov.

RUSSIAN, np, Komsomol'skaya Pravda, No 218, 1959.  
9662356.

ATTIC MOL 404/1

Sci - Space Res

Jun 61

154, 990

Our Nearest Cosmic Neighbor, by  
N. Varvarov, 6 pp.

<sup>NP</sup>  
RUSSIAN, ~~per~~, Ekonomicheskaya Gazeta,  
No 116 (969), 18 May 1961, pp 4.

FTD MCL-1270/1

Sci - Space/Res      171, 443

23 Oct 61

(DC-66L3)

EARTH - MOON, BY N. VARVAROV, 9 PP.

RUSSIAN, NP, KRASNAYA ZVEZDA, 3 JAN  
1962, P 3.

JPRS 12636

SCI - SPACE RES  
MAR 62

183,322

The Return (from the Cosmos), by N. Varvarov.

RUSSIAN, np, Ekonomicheskaya Gazeta, 15 Apr 61.

FTD-TT-61-474

Sci-Space Res  
Dec 62

218,398

(SF-1979)

Cosmic Tellurometer, by N. Varvarov, 4 pp.

RUSSIAN, np, Ekonomicheskaya Gazeta, 8 Jan 1961,  
p 4.

JPRS 10489

Sci - Space Research

Oct 61

172, 859

Is Interplanetary Aviation Possible, by  
N. Varvarov. UNCLASSIFIED

INDONESIAN, per, Angkasa, Vol IX, No 7, Jul  
1958.

AF 1209432

FE - Indonesia  
Mil  
Jan 59

79,260

The Problem of Flight Into Space, by N. Varvarov,

RUSSIAN, per, Sov Flot, 29 May 1955.

D.S.I., 4, T-1061

28,287

Scientific - Aeronautics

Book Review of Discovery of a World, by N. Varvarov,  
3 pp.

RUSSIAN, per, Tekhnika-Molodezhi, Vol XXIII, No 9,  
Sep 1955, p 29.

Rand Corp Tr RM 1760

Sci - Aeronautics - Satellites  
Oct 57

54,226

An Astroliner Starts From the Cosmos, by  
Nikolay Varvarov, 9 pp.

RUSSIAN, np, Ekonomicheskaya Gazeta, 1 Jan 1962,  
p 34. 9676770

FED-TT-62-422

Sci - Space/Res

196, 477

22 May 62

(DC-5747)

A Cosmic Necklace for Our Planets, by Nikolay  
Varvarov, 15 pp.

RUSSIAN, pp, Ekonomicheskaya Gazeta, No 7,  
12 Feb 1962, pp 32, 33.

JPRS 13635

Sci - Space Res  
May 62

194, 283

Artificial Earth Satellites, by N. A. Varvarov,  
29 pp.

RUSSIAN, bk, Iskusstvennyye Sputniki Zemli, 1957,  
pp 1-16. 9660225

ATIC F-TS-9950

Sci

Apr 61

149,400

Road to the Stars, by N. A. Varyakov, 8 pp.  
RUSSIAN, per, Nauka i Zhizn', No 12, 1958, pp 61-64.

USASIA Translation Log #1031

Sci - Astronomy

Apr 60

114,302

Television From the Earth's Satellite, by N. A.  
Varvarov, 7 pp.

Fall tr

RUSSIAN, ap, Sovetskaya Aviatsiya, No 171 (2729),  
21 Jul 1957, p 4.

AMIC F-TG-9300/XII

Sci - Space Research  
Rev 57

55, 621

Satellites Serve Peace, by N. A. Varvarov, 5 pp.

RUSSIAN, per, Tekhnika Moshchosti, No 1, 1960,  
pp 3-38.

IGC 117

Sci - Geophys  
May 60

116,669

Artificial Earth Satellites, by N. A. Varvarov, *[Signature]*.

RUSSIAN, per, Nauka i Zhizn', No 2, Feb 1957,  
pp 17-21.

Navy Tr 1508/NRL 618

Sci - Geophys

*50,450*

Jul 57

On the Way to the Stars, by N. A. Varvarov,  
et al, 23 pp.

RUSSIAN, per, Tekhnika-Molodezhi, Vol XXII,  
No 7, Jul 1954, pp 1-7. CIA 9006302 V

Rand Corp Tr RM-1760

Sci - Aeronautics  
Oct 57

54, 219

Forbidden El Transitions in Tb<sup>159</sup> and Yb<sup>173</sup>, by  
G. A. Varyapetyan, Z. A. Petrosyan, 4 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLI, No 6,  
1961, pp 1704-~~1705~~1709.

AIP  
Sov Phys - JETP  
Vol XIV, No 6

Sci

Jul. 62

205,084

Certain Problems in Designing Systems with External  
Self-Adjusting Corrective Devices, by V.N. Varygin,  
10 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XXII, No 1,  
1961, pp 27 - 36.

ISA

191, 994

Sci  
Apr 62

Behavior of the Nitrate Ion at a Pt Anode, by  
N. P. Fedot'yev, V. N. Varypayev, 5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXI, No 3, 1958,  
pp ~~434~~ 434-439.

Consultants Bureau

Sci - Chem

Apr 59

84, 541

Preparation of Theophylline and Caffeine From Urea  
Acid, by V. I. Khmelevskiy, E. I. Abramova, L. V.  
Varyukhina, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 7,  
1958, pp 1974-1978.

Consultants Bur

Sci - Chem

96, 894

Heterocyclic N-Oxides. III. Polarographic  
Reduction of Some Heterocyclic N-Oxides, by  
L. V. Varyukhina, Z. V. Pushkareva, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVI, No 6,  
Jun 1956, pp 1740-1745.

Consultants Bureau

Sci - Chemistry  
Jul 57

49,649

The Reconstruction of ChI-21-Sh Hackling  
Machines, by V. P. Varzha, A. A. Piktels.  
UNCL

HUSSIAN, per, Tekstil Prom, No 1, 1959,  
pp 71-73.

DSIR LLU RTS 1383

(7s. 6d.)

Sci - Engr  
Feb 60

103242

(FDD 25799)

The Biological Activity of  $\alpha$ -Aminophosphinic Acids, by V. L. Ryzhkov, M. I. Kabachnik, L. M. Tarasovich, T. Ya. Medved', N. A. Zeytlenek, N. K. Marchenko, Ye. F. Varzhanova, Ye. F. Ulanova, N. V. Chenurkina, 9 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,  
Vol XCVII, No 5, Moscow, 1954, pp 849-852.

29,164 CIA/FDD/U-7385

USSR

Sci - Biology, biochemistry  
Medicine, neurophysics CTS 73 Oct 55

A Method of Formulating the Boundary Conditions  
in Problems of Viscous Fluid Flow, by 109  
T. S. Varyzhanskaya, 5 pp.  
RUSSIAN, per, Izv Akad Nauk SSSR, Tekh Zhid i Gazon,  
No 3, 1963, pp 142-144.  
AEC/SC-TB-4003-70

*T. S. Varyzhanskaya*

Sci/Phy  
Mar 70

402,563

Boundary Layer in Vicinity of the Stagnation  
Point, by T. S. Vayshanskaya, Ye. I. Chrostkova,  
10 pp.  
RUSSIAN, per, Moscow, Universitet, Vychislitel'  
nyy Tsentr, Sbornik Rabot, No 2, 1963,  
pp 135-145. P100262068-V  
FTD-MI-66-170

145

T.S Vayshanskaya

Sci/Phys  
Nov 68

366,981

Film-type Indicators of Humidity - Excerpts, by  
H. S. Varzhenevskiy, 11 pp.

RUSSIAN, per, Trudy Nauchno-Issledovatel'skiy Institut  
Gidrometeorologicheskogo Priborostroeniya, No 5,  
1957, pp 79-97.

Amer Meteorol Soc  
AF Cambridge Res Center

Sci - Engineering

May 60

115, 853

An Investigation of the Possibility of Using  
Electrets in Meteorological Instruments,  
by N. S. Vurshenevskiy and R. A. Mel'nikov,  
7 pp.  
RUSSIAN, per, Trudy Nauchno-Issledovatel'skogo  
Gidrometeorologicheskogo Priborostroyeniya,  
No 12, 1964, pp. 34-43.  
JPSS 30467

USSR  
Sci-ES/A  
Jun 65

201,500

Film-Type Indicators of Humidity (Excerpts),  
by N. S. Varzhenevskiy, 13 pp.

RUSSIAN, per, Trudy Nauch-Issledovatel Inst  
Gidrometeorol Priborostroyenia, Vol V, 1957,  
pp 79-97.

AEC SCL T-222

Sci - Phys  
9 Jan 61  
List 46

135, 541

The Preparation of Line Screens on Technical Fi  
(Base on NRKCh Experience), by V. M. Varzugin,  
3 pp.

RUSSIAN, per, Geodez i Kartog, No 2, 1960,  
pp 43-47.

AGU

Sci

Jul 61

160, 756

Some Direct Effects of Ionising Radiation on the Yeast Cell, by K. Vas, I. Farkas, 3 pp.

RUSSIAN, per, Mikrobiologiya, Vol XXX, No 3, 1961,  
pp 436-400.

AIDS

Sci

Feb 62

184, 639

(FDD 25092)

Turbidimetric Protoplasm Measurements, by Karoly  
Vas, 18 pp.

HUNGARIAN, per, Agrokemia es Talajtan, Vol III,  
No 1, 2, 1954, pp 131-142.

CIA/FDD/U-7360

29/55

EEur - Hungary  
Sci - Biology  
Medicine, biochemistry [CTS 73 Oct 55]

S-237/60

(NY-3850).

New Apparatus for Determining Blood Oxygen Saturation -- Flow Oximeter of the PO-01 Type, by L. F. Sochivko, G. L. Dernovskaya-Zelentsova, G. Sh. Vasadze, N. I. Kochetygov, 6 pp.

RUSSIAN, per, Patolog Fiziol i Eksper Terapiye, Vol IV, No 1, 1960, pp 71-73.

JPRS 2934

Sci - Med  
Aug 60

123,955

THE COMPLEX XX THERAPY OF BURN SHOCK, BY  
G. SH. VASADZE, T. YE. KUDRITSKAYA, 6 PP.

RUSSIAN, PER, PATOLOGICHESKAYA FIZIOLOGIYA I  
EKSPERIMENTAL'NAYA TERAPIYA, VOL VI, NO 4,  
JUL-AUG 1962, PP 34-37.

JPRS 16504

SCI - MED

217,278

Change in Sensitivity to Visceral Trauma in Animals  
Which Have Suffered From Radiation Sickness; by  
G. Sh. Vasadze, S. G. Sherashov, 12 pp.

RUSSIAN, per, Medit Radiolog, Vol IV, No 10, 1959.

JFRS 2707

Sci - Medicine

Oct 60

130,996

Recording of Conditioned and Unconditioned Respiratory Reflexes in Terms of Changes in the Pulmonary Ventilation, by E. V. Gubler, E. A. Kovalenko, G. Sh. Vasedze, E. I. Garber, 5 pp.

RUSSIAN, per, Fiz Zhur SSSR imeni I. M. Sechenova, Vol XLIII, No 6, 1957, pp 544-582.

Pergamon Institute

Sci - Med

May 58

63 659

2  
Colorimetric Determination of Arsenic, by V. Vasait,  
V. Sedlavec, 18 pp.

CZECH, per, Chem Listy, Vol XVI, 1952, pp 341-344.

SLA 58-79

Sci

Aug 59

93, 529

Polarographic Determination of Carbonyl  
Sulfide, Hx by V. Sedivec, V. Vasak

CZECH, per, Chem Listy, Vol XLVIII, 1954,  
pp 19-27.

Assoc Tech Sv CJ-496  
\$13.70

Sci - Chemistry  
Jan 57 GTS

42, 319

The Urinary Excretion of Noradrenalin and  
Adrenaline During Muscular Exercise, by N. T.  
Kerki, R. Vasama.

FINNISH, per, Stotilaslaantielesline  
Aikakausleb, Vol XXXIV, 1959, pp 59-69.

NIR 2-9-63

Sci Biol

May 63

232,002

Influence of the Thermal Resistances  
of Coatings on the Characteristics of  
Thermal Radiation of Star-Shaped Heaters,  
by Yu. A. Vassenev.  
COLLECTOR, Izmeritel'naya i Transportnaya  
tekhnika, No. 6, 1964, pp. 745-749.  
FDL-Y6-05-1369

75-

Sci-Phys  
Sep 68

Effect of Internal Resistance of Coatings on the  
General Radiation Characteristics of Some Like  
Radiators, by Yu. A. Vasanov. 12 pg.  
MOSDO, per, Izvestiya Akademii Nauk SSSR. Transportn  
i Transport, no 6, 1964, pp 743-749. 73  
PUB-FT-CB-1560

Yu. A. Vasanov

Tech, Indust, Civil &  
Marine Engg.  
Dec, 66

SCB #04

Optimal Form of Triangular Radiating  
Fins Taking Into Account the Actual  
Irradiation of the Fins and the Cooled  
Surface, by Yu. A. Vassanov, Yu. G. Tikhonov,  
RUSSIAN, per, Iz Ak SSSR, Energetika i  
Transport, No 3, 1964, pp 391-400.  
\*P78-TP-05-1929

67

Yu. A. Vassanov

Ref.  
Sov. Sc.

A Device for High-Speed Recording of Small  
Temperature Drops, by Yu. N. Shimanskiy,  
L. K. Vasanova, N. I. Syromyatnikov, 5 pp.

RUSSIAN, per, Iz Vysshikh Nchev Zaved,  
Priborostroyeniye, Vol VII, No 2, 1964,  
pp 154-157.

JPRS 26079

Sci

Sep 64

266,672